

WE CLAIM:

1. A reflecting mirror comprising a sheet of an alkali metal-zinc-borosilicate glass bonded to a reflecting surface, the glass sheet having a thickness less than 0.5 mm, and being doped with Nd₂O₃ in an amount sufficient to substantially reduce the spectral transmission of the glass in the wavelength range of 565-595 nm.
2. A reflecting mirror in accordance with claim 1 wherein the glass sheet has a thickness of 0.3 to 0.4 nm.
3. A reflecting mirror in accordance with claim 1 wherein the transmitted radiation at a wavelength of 585 nm is less than 50%.
4. A reflecting mirror in accordance with claim 3 wherein the transmitted radiation at 585 nm is less than 30%.
5. A reflecting mirror in accordance with claim 1 wherein the glass is doped with at least 5% Nd₂O₃ by weight.
6. A reflecting mirror in accordance with claim 1 wherein the reflecting surface is a silver coating on the back of the glass sheet.
7. A thin sheet of alkali metal-zinc-borosilicate glass containing sufficient Nd₂O₃ to reduce the transmission of radiation at a wavelength of 585 nm to a value less than 50%.
8. A glass sheet in accordance with claim 7 in which the content of Nd₂O₃ is at least 5% by weight.
9. A glass sheet in accordance with claim 7 wherein the sheet has a thickness less than 0.5 mm.

10. A glass sheet in accordance with claim 7 wherein the glass has a liquidus viscosity of at least 20,000 poises and a softening point temperature in the range of 700-750° C.

11. A glass sheet in accordance with claim 7 wherein the glass has a composition, expressed in weight percent on an oxide basis, consisting essentially of the following oxides within the indicated ranges:

SiO_2	55-70%
Al_2O_3	0.5-4.5%
B_2O_3	6-14%
ZnO	3-10%
Na_2O	5-11%
K_2O	2-9%
$\text{Na}_2\text{O}+\text{K}_2\text{O}$	7-20%
Nd_2O_3	at least 5%